

Title (en)  
Process for preparing (1R,5S,6S)-2-[(6,7-dihydro-5H-pyrazolo[1,2-a][1,2,4]triazolium-6-yl)thio-6-[(R)-1-hydroxyethyl]-1-methyl-carbapenem-3-carboxylate and starting materials thereof.

Title (de)  
Verfahren zur Herstellung von (1R,5S,6S)-2-[(6,7-Dihydro-5H-pyrazolo[1,2-alpha][1,2,4]triazolium-6-yl)thio-6-[(R)-1-hydroxyethyl]-1-methyl-carbapenem-3-Carbonsäureester und deren Ausgangsverbindungen.

Title (fr)  
Procédé de préparation de (1R,5S,6S)-2-[(6,7-dihydro-5H-pyrazolo[1,2-alpha][1,2,4]triazolium-6-yl)thio-6-[(R)-1-hydroxyéthyl]-1-méthyl-carbapénème-3-carboxylate et leurs produits de départ.

Publication  
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Application  
**EP 90125730 A 19901228**

Priority  
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• JP 27242790 A 19901012  
• JP 27242890 A 19901012

Abstract (en)  
Novel and improved simple process for preparing carbapenem compound, (1R,5S,6S)-2-[(6,7-dihydro-5H-pyrazolo [1,2-a][1,2,4]triazolium-6-yl)thio-6-[(R)-1-hydroxyethyl]-1-methyl-carbapenem-3-carboxylate represented by the following formula: <CHEM> This compound may be prepared by using a mercapto reagent, 6,7-dihydro-6-mercapto-5H-pyrazolo[1,2-a][1,2,4]triazolium derivative of the following formula: <CHEM> wherein X<(-)> is an anion charge. g a

IPC 1-7  
**C07D 231/04**; **C07D 477/00**; **C07D 487/04**; **C07D 519/00**

IPC 8 full level  
**C07D 231/04** (2006.01); **C07D 477/20** (2006.01); **C07D 487/04** (2006.01); **C07D 519/00** (2006.01)

CPC (source: EP KR)  
**C07D 231/04** (2013.01 - EP); **C07D 477/00** (2013.01 - KR); **C07D 477/20** (2013.01 - EP); **C07D 487/04** (2013.01 - EP); **C07D 519/00** (2013.01 - KR)

Cited by  
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